

# REPAIR LIST

No. 5

— F O R —

## U.S. Reuther Model Potato Digger



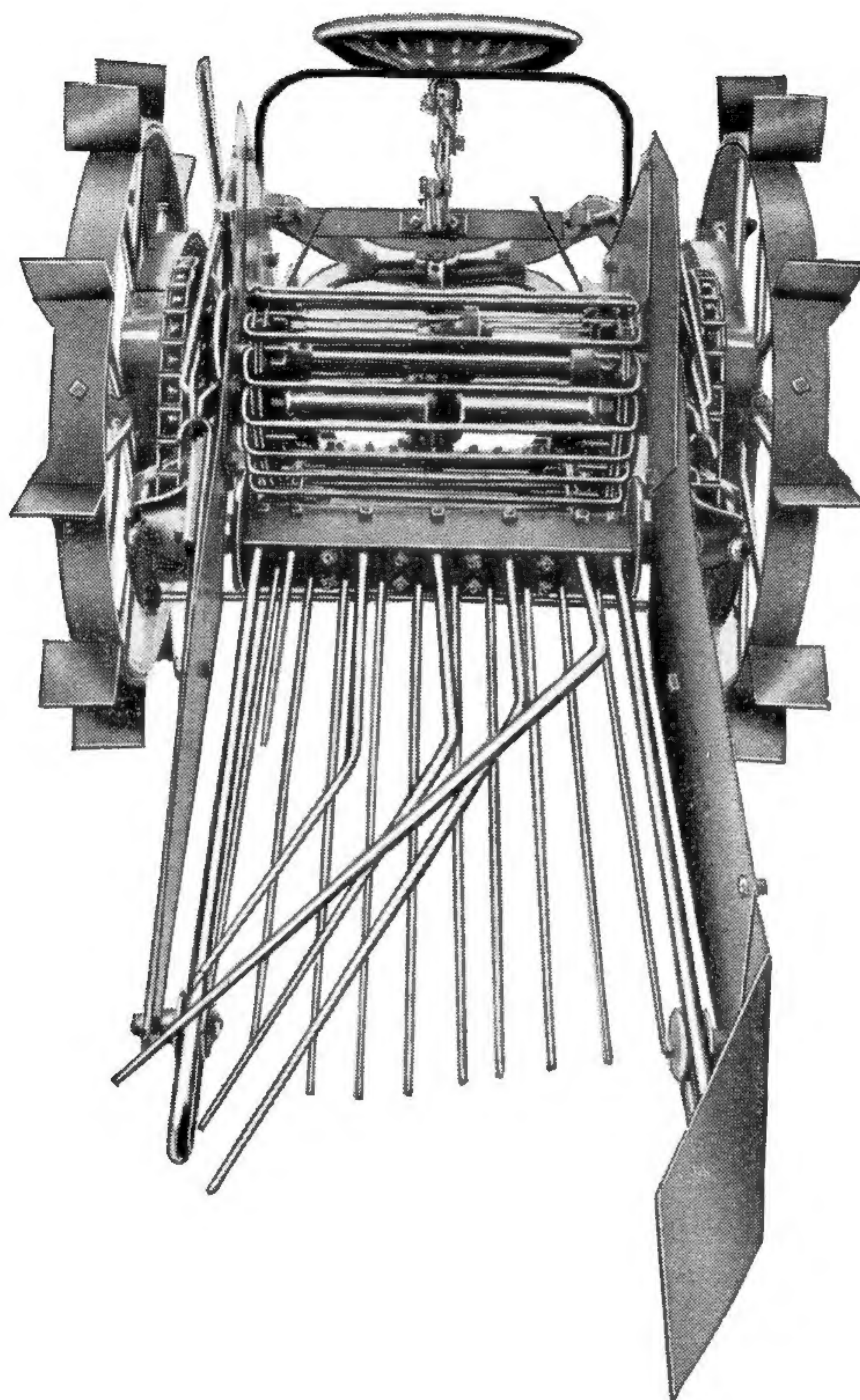
*LeRoy Plow Company*  
*LeRoy, N. Y.*

~~MANUFACTURED BY~~

~~U.S. Wind Engine & Pump Co.~~

~~BATAVIA, ILLINOIS~~



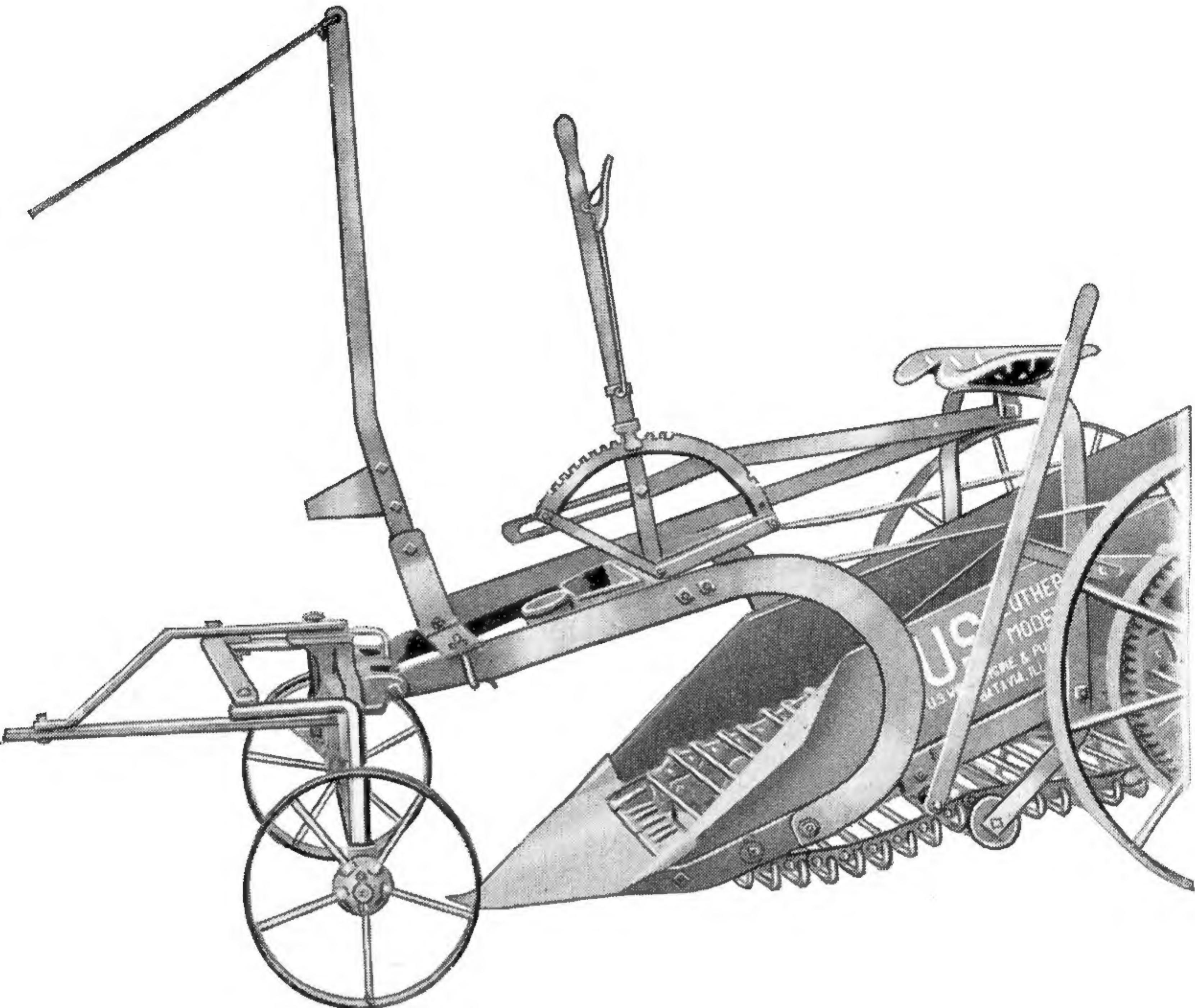


**REAR VIEW OF DIGGER SHOWING  
SHAKER AND VINE RODS.**

All parts are supposed to be illustrated and listed in the following pages. Should the desired parts not be readily identified from the chart or descriptive repair list mark the location on the above cut or on the illustration on opposite page and send it in with full description of what is wanted.

This model of U. S. Reuther Digger has 32" drive wheels, 36" tread and 22" width of bed and is 6 feet long from plow point to rear of elevator.





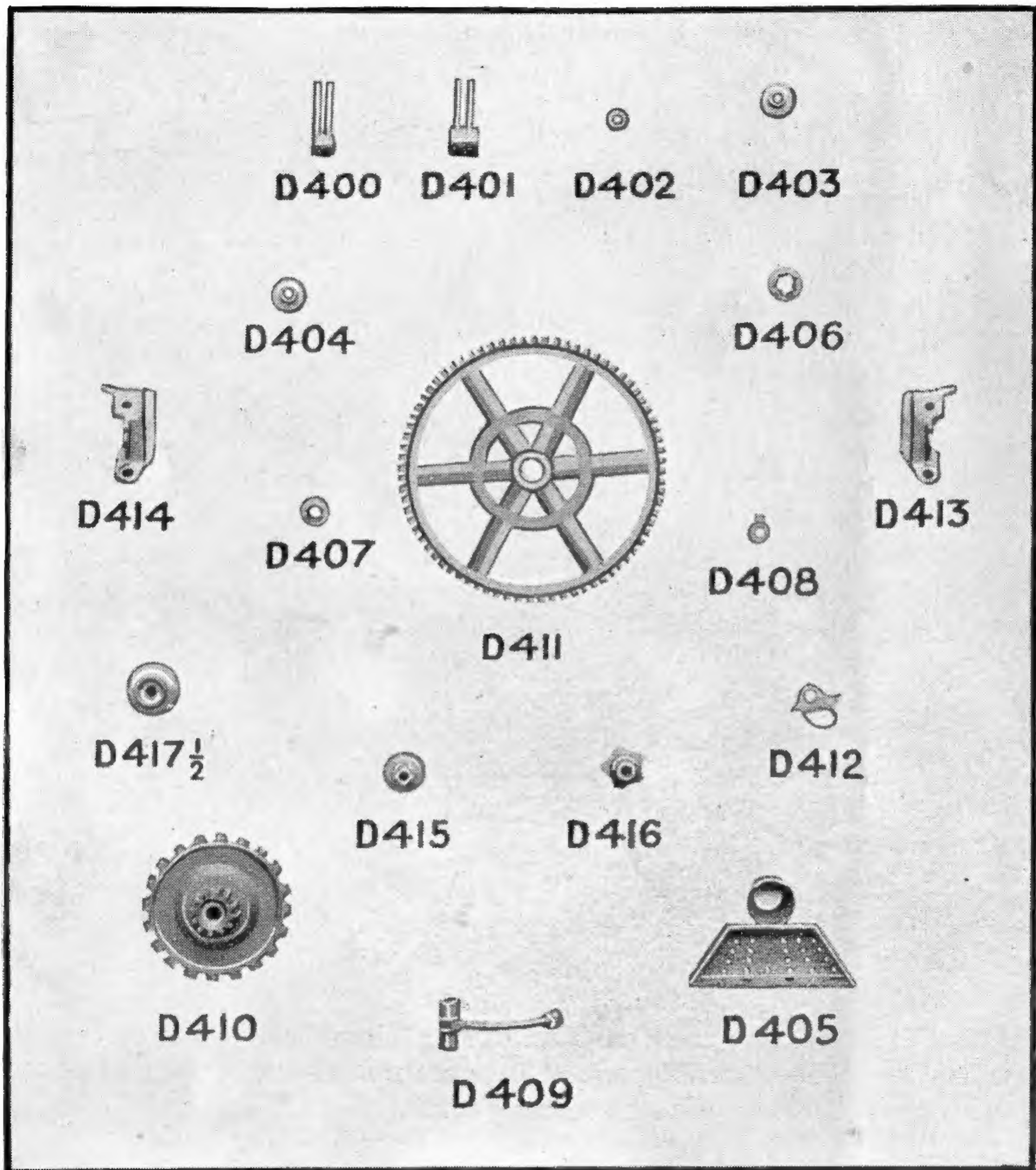
The Tractor Hitch and One-Man Control shown above can be furnished complete for all Reuther Diggers. These are made so that they can be put on the digger in a few minutes without drilling any holes and requiring only a wrench.

This arrangement will prove a great labor saver. The man operating the tractor is able to operate the digger from his seat.

We can furnish the Tractor Hitch only without the One-Man Control if so desired.

Tractor Hitch only.....	\$ 6.00
One-Man Control only.....	10.00
<hr/>	
Tractor Hitch and One-Man Control complete.....	\$16.00





Don't order parts from the illustration only; refer to the list also.

### NOTE

Before 1927 we manufactured two types of elevator beds, the Model "A" our regular chain type and the Model "B" a link bar type for sandy soil only. The elevator beds, sprockets and rolls are not interchangeable. If you are in doubt as to the type digger you have refer to the cuts on page 10. No. 3184 is the Model "A" and 3187½ is the Model "B" Type. All parts for both types are listed in this catalog and plainly marked.



# PRICE LIST OF EXTRA PARTS FOR U. S. REUTHER POTATO DIGGER

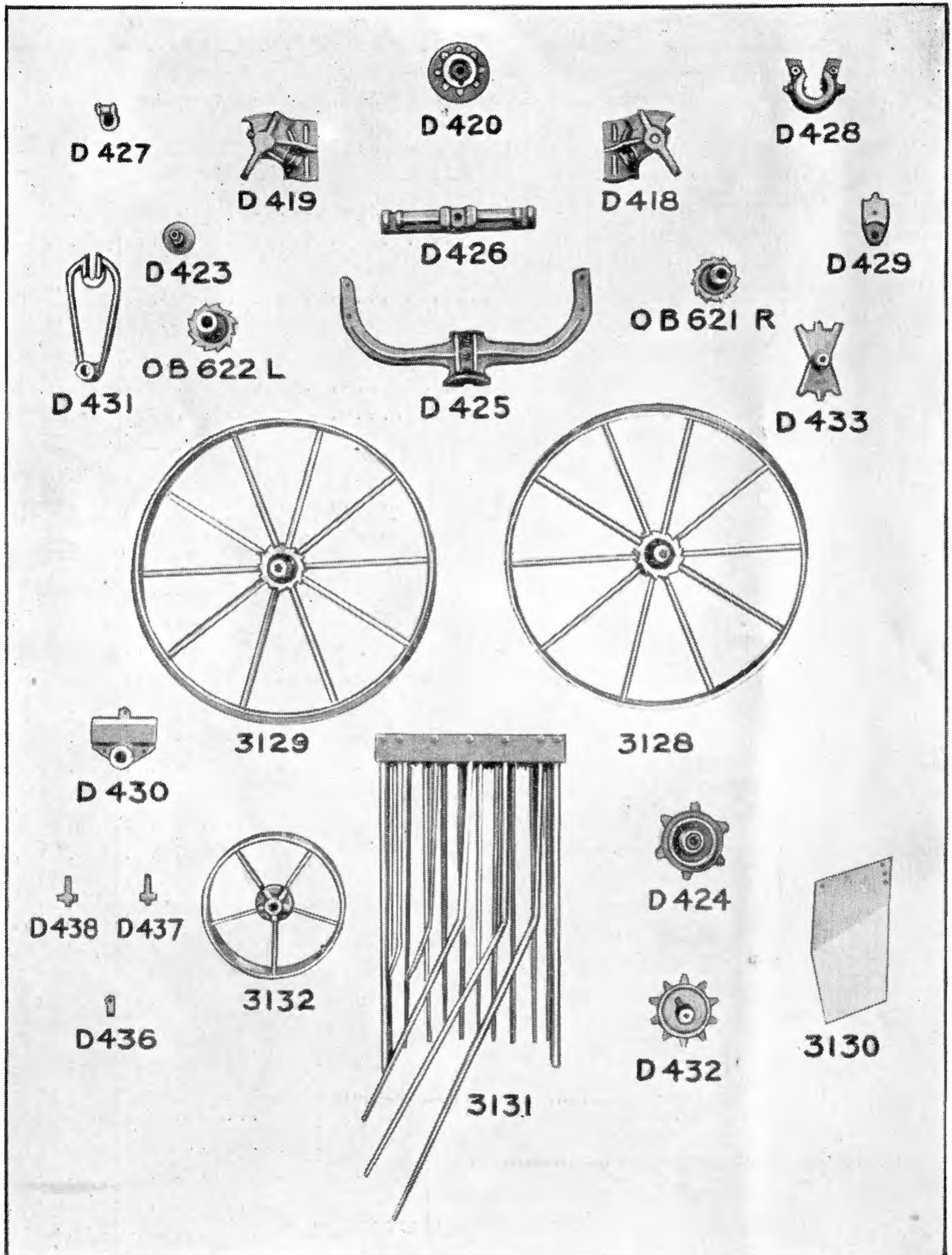
Illustrations on Opposite Page

Casting No.	Description of Parts	List Price
D400	Agitator Lever Clip with Key. *S-2.....	\$ .55
D401	Agitator Axle Clip. *S-3.....	.30
D402	Agitator Sector and Elevator Shield Washer. *S-17.....	.15
D403	Agitator Roller only. *S-20.....	.25
	Agitator Roller complete with Bolt and Bushing.....	.45
	Agitator Roller Bushing only 3175 $\frac{1}{2}$ "x1 $\frac{7}{8}$ ".....	.10
	Agitator Roller Bolt only $\frac{7}{16}$ "x2 $\frac{3}{4}$ ".....	.10
D404	Shaker Grooved Roller only. *S-21.....	.25
	Shaker Grooved Roller with Bolt and Bushing.....	.45
	Shaker Grooved Roller Bushing No. 3174 $\frac{1}{2}$ "x2 $\frac{1}{4}$ ".....	.10
	Shaker Grooved Roller Bolt $\frac{7}{16}$ "x3 $\frac{1}{4}$ ".....	.10
D405	Tool Box. *S-22.....	1.45
D406	Drive Wheel Washer. *S-23 (For Wheels 3128 and 3129 only)	.15
D407	Truck Wheel Washer. *S-24.....	.15
D408	Oil Washer for Square and Round Roller. *S-36.....	.15
D409	Adjustable Box with Pipe and Female Grease Cup. *S-40..	1.60
	Female Grease Cup only No. 3176 $\frac{1}{2}$ .....	.10
	Pipe only for Adjustable Box.....	.15
D410	Pinion and Sprocket with 2 Keys. *S-42.....	2.45
	Keys only for above No. 3200 $\frac{1}{2}$ .....	.10
D411	Gear for Drive Wheel (Replaced by D439). *S-47.....	5.60
D412	Ratchet Pawl with Spring. *S-48.....	.55
D413	Bracket for Square or Round Roller—R. *S-51.....	.45
D414	Do —L. *S-52.....	.45
D415	Square Roller back of Shovel for Model "A" only. *S-54...	.30
	Square Roller with Bolt and Bushing.....	.55
	Square Roller Bushing No. 3172 $\frac{1}{2}$ "x3 $\frac{13}{16}$ ".....	.15
	Square Roller Bolt only $\frac{5}{16}$ "x5".....	.10
D416	Upper Idler. *S-55.....	.35
	Upper Idler with Bolt and Bushing.....	.55
	Upper Idler Bushing No. 3174 $\frac{1}{2}$ "x2 $\frac{1}{4}$ ".....	.10
	Upper Idler Bolt Front— $\frac{7}{16}$ "x4".....	.10
	Upper Idler Bolt Rear— $\frac{7}{16}$ "x3 $\frac{1}{2}$ ".....	.10
D417 $\frac{1}{2}$	Lower Idler with Long Hub. *S-56.....	.35
	Lower Idler with Bolt and Bushing.....	.55
	Lower Idler Bushing No. 3173 $\frac{1}{2}$ "x1 $\frac{9}{16}$ ".....	.10
	Lower Idler Bolt $\frac{7}{16}$ "x2 $\frac{3}{4}$ ".....	.10

\*Casting Numbers Used Before 1923.

Don't order parts from the illustrations only; refer to the list also.





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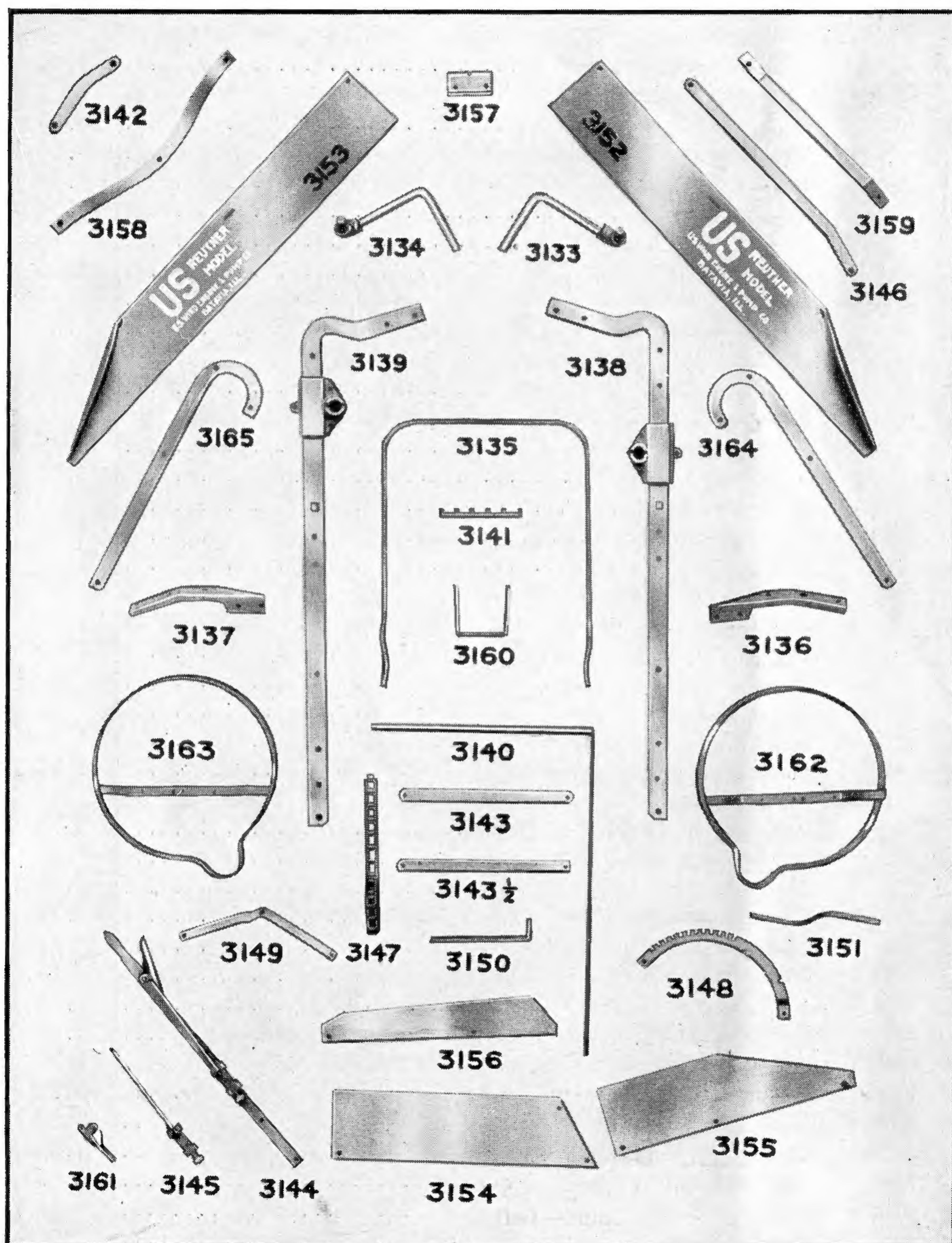
## U. S. WIND ENGINE &amp; PUMP CO., BATAVIA, ILLINOIS, U. S. A.

Casting No.	Description of Parts	List Price
D418	Shaker Housing—Right— with Grease Cup, Set Screw and Shaft Complete. *S-63.....	\$ 3.20
D419	Shaker Housing—Left—with Grease Cup, Set Screw and Shaft Complete. *S-64.....	3.20
	Grease Cup only for Right or Left No. 3176 .....	.10
	Shaft only Right or Left No. 3171—1" diam.....	.80
	Set Screw only.....	.10
	Plow Bolt only $\frac{1}{2}$ "x1 $\frac{3}{4}$ ".....	.10
D420	Shaker Driving Sprocket. *S-67.....	1.95
D423	Round Roller Back of Scoop for Model "B" only. *S-70 ...	.30
	Round Roller Complete with Bushing and Bolt.....	.55
	Round Roller Bushing only No. 3172 $\frac{1}{2}$ "x3 $\frac{13}{16}$ ".....	.15
	Round Roller Bolt only $\frac{5}{16}$ "x5".....	.10
D424	Elevator Driving Sprocket for Model "B" complete with Set Screw and Key. *S-71.....	1.75
	Key only No. 3200 $\frac{1}{2}$ .....	.10
	Set Screw only.....	.10
D425	Truck Arch. *S-72.....	3.85
D426	Draft Evener. *S-73.....	2.25
D427	Casting for Truck L. *S-75.....	.30
D428	Bracket for Adjustable Box (D409) with Set Screws. *S-76	1.00
	Set Screws for above.....	.10
	Plow Bolts only $\frac{1}{2}$ "x2 $\frac{1}{4}$ ".....	.10
D429	Agitator Lever Bracket. *S-77.....	.35
D430	Sliding Box on Frame. *S-79.....	1.15
D431	Elevator Guard for Model "B" Bed. *S-80.....	1.25
D432	Elevator Driving Sprocket for Model "A" complete with Set Screw and Key. *S-81.....	1.75
	Set Screw only.....	.10
	Key only No. 3200 $\frac{1}{2}$ .....	.10
D433	Oblong Sprocket. *S-82 .....	.75
D436	Finger Rod Support. *S-13.....	.10
D437	Intermediate Finger. *S-14.....	.15
D438	End Finger. *S-15 (For Shovel 3204 only).....	.15
D439	Gear for Drive Wheel ..... (See pages 14 and 15).....	5.60
0B621R	Drive Wheel Hub—Right... (See RP-503R page 15).....	2.80
0B622L	Drive Wheel Hub—Left... (See RP-503L page 15).....	2.80
3128	Right Drive Wheel 32" diam. { See wheel 3243 page 15 } ..	7.50
3129	Left Drive Wheel 32" diam.. }	7.50
3130	Shaker Clearing Shield.....	.85
3131	Shaker Complete.....	11.20
3132	Truck Wheel 14 $\frac{1}{2}$ " Diameter.....	2.75

\*Casting Numbers Used Before 1923.

Don't order parts from the illustrations only; refer to the list also.





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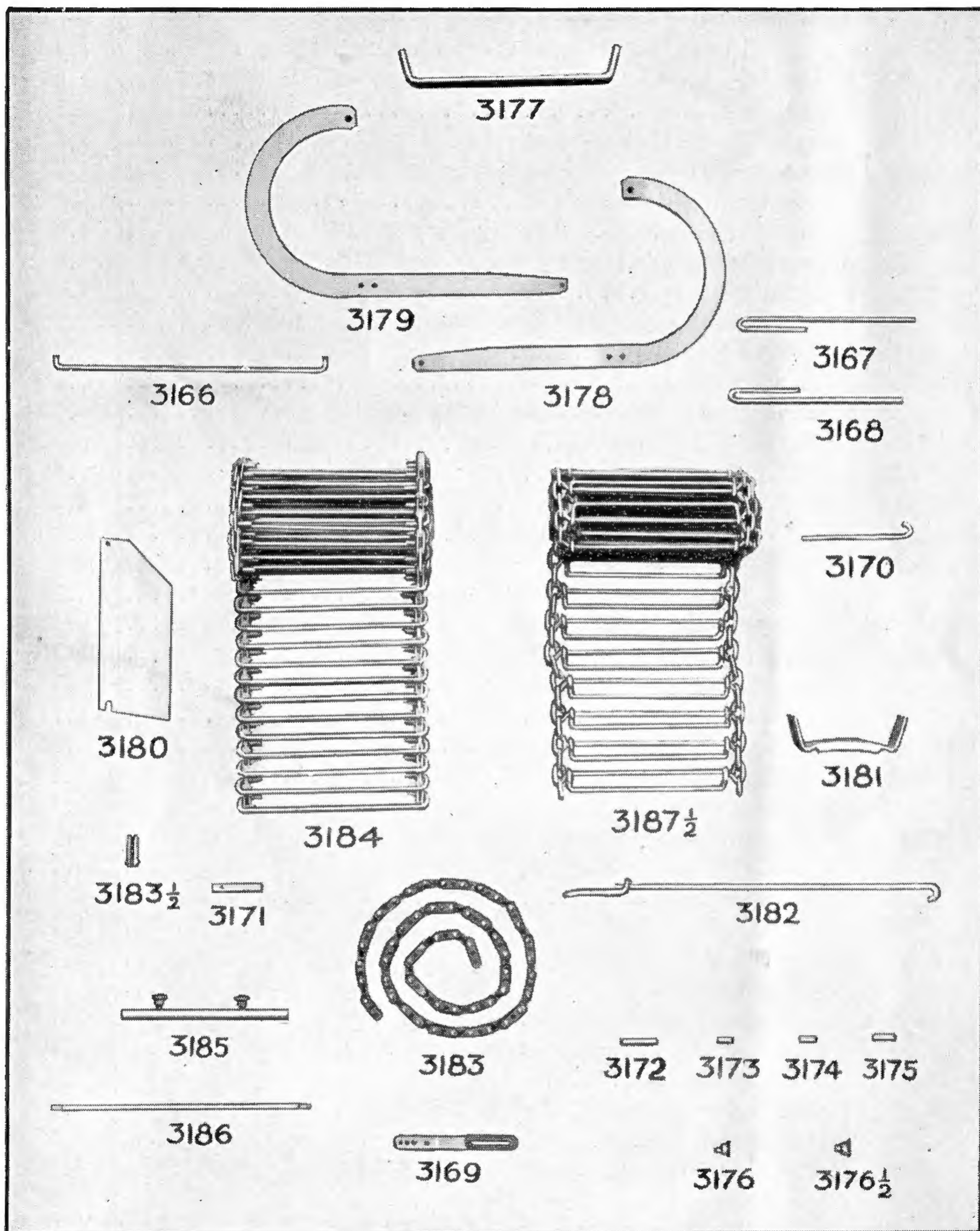


U. S. WIND ENGINE & PUMP CO., BATAVIA, ILLINOIS, U. S. A.

Casting No.	Description of Parts	List Price
3133	Truck L—Right—Complete with Casting D427 and pin . . . .	\$ 1.45
3134	Truck L—Left—Complete with Casting D427 and pin . . . . .	1.45
3135	Seat Arch . . . . .	2.55
3136	Shovel Arm—Right— $2\frac{1}{4}" \times 2\frac{1}{4}" \times \frac{5}{16}"$ Angle (Bent) . . . . .	1.25
3137	Shovel Arm—Left— $2\frac{1}{4}" \times 2\frac{1}{4}" \times \frac{5}{16}"$ Angle ( " ) . . . . .	1.25
	Plow Bolt for Above $\frac{1}{2}" \times 1\frac{1}{4}"$ . . . . .	.10
3138	Main Frame—Right—with Sliding Box D430 (Ends Bent) .	4.00
3139	Main Frame—Left—with Sliding Box D430. ( " " ) .	4.00
3140	Agitator Lever . . . . .	2.60
	Key for above $\frac{1}{4}" \times \frac{1}{4}" \times 1\frac{7}{8}"$ No. 3140 $\frac{1}{2}$ . . . . .	.10
3141	Agitator Lever Sector . . . . .	.45
3142	Gear Lever . . . . .	.50
	Bushing for above No. 3214 $\frac{33}{64}" \times \frac{9}{16}"$ . . . . .	.15
3143	Seat Arch Brace—Right . . . . .	.35
3143 $\frac{1}{2}$	Seat Arch Brace—Left . . . . .	.35
3144	Front Lever Complete . . . . .	2.60
3145	Front Lever Catch with Wire . . . . .	.75
3146	Connecting Link Between Seat and Lever . . . . .	.80
	Bushing for Above No. 3213 $\frac{1}{2}" \times \frac{7}{16}"$ . . . . .	.10
	Bolt for Above $\frac{7}{16}" \times 1\frac{1}{2}"$ . . . . .	.10
3147	Malleable Chain—26 Links . . . . .	1.30
	Extra Links for above . . . . .	.10
3148	Front Sector . . . . .	.75
3149	Front Sector Brace . . . . .	.35
3150	Front Sector Bracket . . . . .	.45
3151	Hammer Strap . . . . .	.45
3152	Elevator Shield—Right (To fit Shovel 3204 only) . . . . .	3.75
3153	Elevator Shield—Left. ( " " " " " ) . . . . .	3.75
3154	Shaker Shield—Right . . . . .	1.20
3155	Shaker Shield—Left . . . . .	1.00
3156	Shaker Extension Shield . . . . .	1.00
3157	Truck Axle Clip . . . . .	.40
3158	Truck Sway Bar . . . . .	1.00
3159	Pole Brace . . . . .	.50
3160	Draft Strap . . . . .	.35
3161	Front Lever Handle Clip with Spring . . . . .	.85
3162	Mud Guard—Right . . . . .	1.35
3163	Mud Guard—Left . . . . .	1.35
3164	Shaker Shield Support—Right . . . . .	.90
3165	Shaker Shield Support—Left . . . . .	.90
	Bushing for Right or Left No. 3211 $\frac{33}{64}" \times \frac{7}{16}"$ . . . . .	.15

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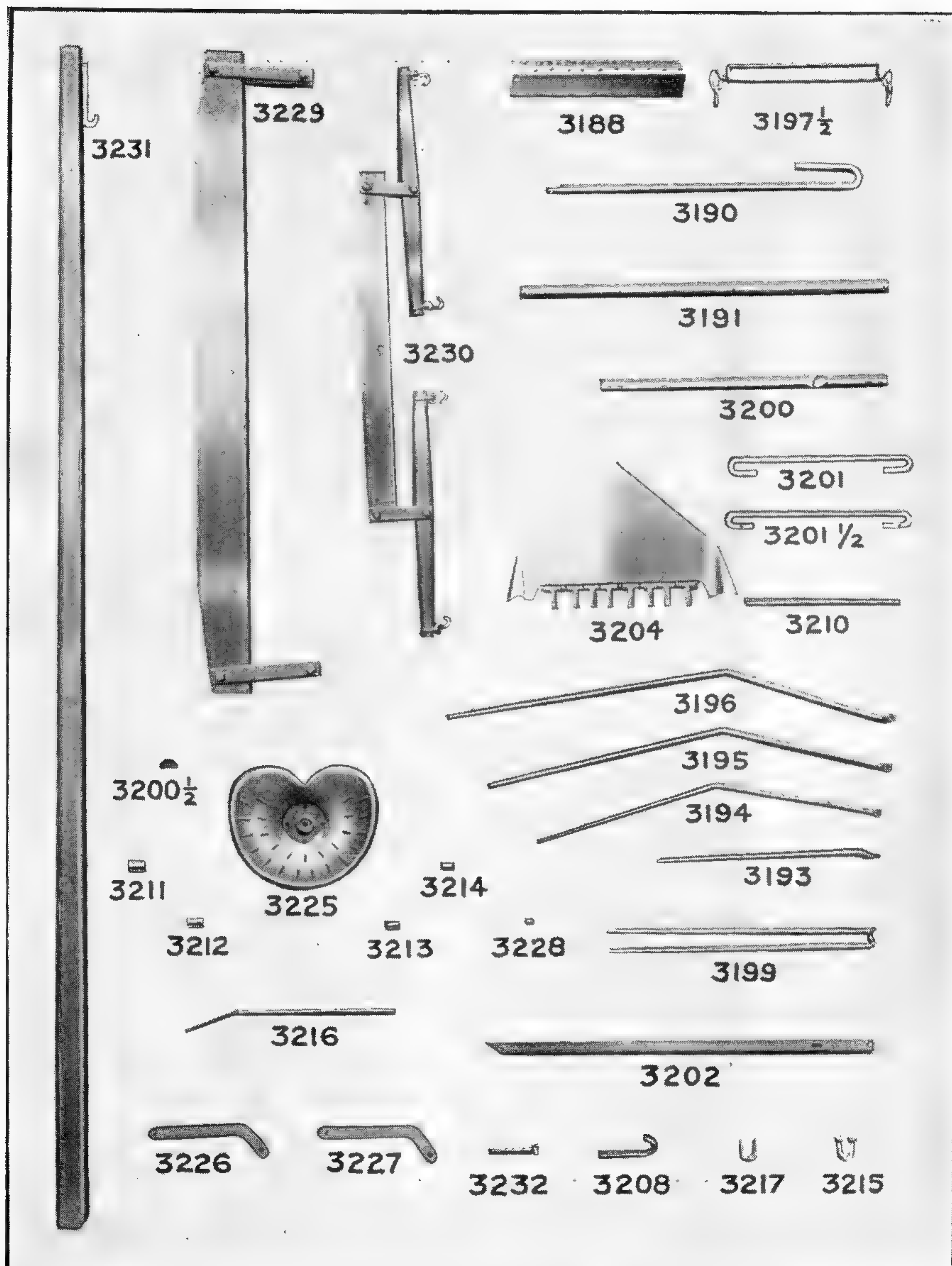


## U. S. WIND ENGINE &amp; PUMP CO , BATAVIA, ILLINOIS, U. S. A.

Casting No.	Description of Parts	List Price
3166	Rear Tie Rod $\frac{1}{2}$ " diameter.....	\$ .50
3167	Shaker Lifting Hook—Right— $\frac{7}{16}$ " diameter.....	.35
3168	Shaker Lifting Hook—Left— $\frac{7}{16}$ " diameter.....	.35
3169	Shaker Stop.....	.45
	Bushing for above 33/64"x $\frac{7}{16}$ ".....	.15
3170	Shaker Side Brace $\frac{7}{16}$ " diameter.....	.30
3171	Shaft for Shaker Driving Sprocket—D420 1" diameter.....	.80
3172	Bushing for Rollers D415 and D423 $\frac{1}{2}$ "x3 $\frac{13}{16}$ ".....	.15
	Bolt for above $\frac{5}{16}$ "x5".....	.10
3173	Bushing for Lower Idler—D417 $\frac{1}{2}$ $\frac{1}{2}$ "x1 $\frac{9}{16}$ ".....	.10
	Bolt for above $\frac{7}{16}$ "x2 $\frac{3}{4}$ ".....	.10
3174	Bushing for Upper Idler D416 and Shaker Roller D404— $\frac{1}{2}$ "x2 $\frac{1}{4}$ ".....	.10
	Bolt for Upper Idler—Front— $\frac{7}{16}$ "x4".....	.10
	Bolt for Upper Idler—Rear— $\frac{7}{16}$ "x3 $\frac{1}{2}$ ".....	.10
	Bolt for Shaker Roller $\frac{7}{16}$ "x3 $\frac{1}{4}$ ".....	.10
3175	Bushing for Agitator Roller D403 $\frac{1}{2}$ "x1 $\frac{7}{8}$ ".....	.10
	Bolt for above $\frac{7}{16}$ "x2 $\frac{3}{4}$ ".....	.10
3176	Male Grease Cup.....	.10
3176 $\frac{1}{2}$	Female Grease Cup.....	.10
3177	Draw Bar Brace.....	1.35
3178	Draw Bar—Right—2 $\frac{3}{4}$ "x $\frac{5}{8}$ ".....	3.25
3179	Draw Bar—Left—2 $\frac{3}{4}$ "x $\frac{5}{8}$ ".....	3.25
	Bushing for Right or Left No. 3212 33/64"x $\frac{11}{16}$ ".....	.15
3180	Drop Shield.....	.75
3181	Wheel Lug.....	.80
	Bolt for above $\frac{1}{2}$ "x1 $\frac{1}{4}$ ".....	.10
3182	Threaded Hook Rod with Strap Nut $\frac{1}{2}$ " diameter.....	.90
	Bushing for above No. 3211 33/64"x $\frac{7}{16}$ ".....	.15
3183	Steel Elevator Chain—56 Links Completely Assembled for One Side of Model "A" Bed.....	5.15
3183 $\frac{1}{2}$	Extra Chain Links—2 pcs. with drilled rivet.....	.20
3184	Model "A" Elevator Complete.....	22.40
	Extra Elevator Bars No. 3201.....	.45
	Extra Elevator Bars—Drilled for Cotter 3201 $\frac{1}{2}$ .....	.50
	Extra Chain Rivets—plain.....	.05
	Extra Chain Rivets—Drilled with Cotter.....	.10
3185	Tubular Box for Shaker Shaft Complete with Two Grease Cups.....	1.80
3186	Shaker Shaft $\frac{3}{4}$ " Diameter—28 $\frac{1}{4}$ " Long.....	.90
3187 $\frac{1}{2}$	Model "B" Elevator Bed Complete $\frac{7}{16}$ " Bars.....	22.40
	Extra Elevator Bar with Two Links No. 3197 $\frac{1}{2}$ .....	1.00
	Extra Links only.....	.15

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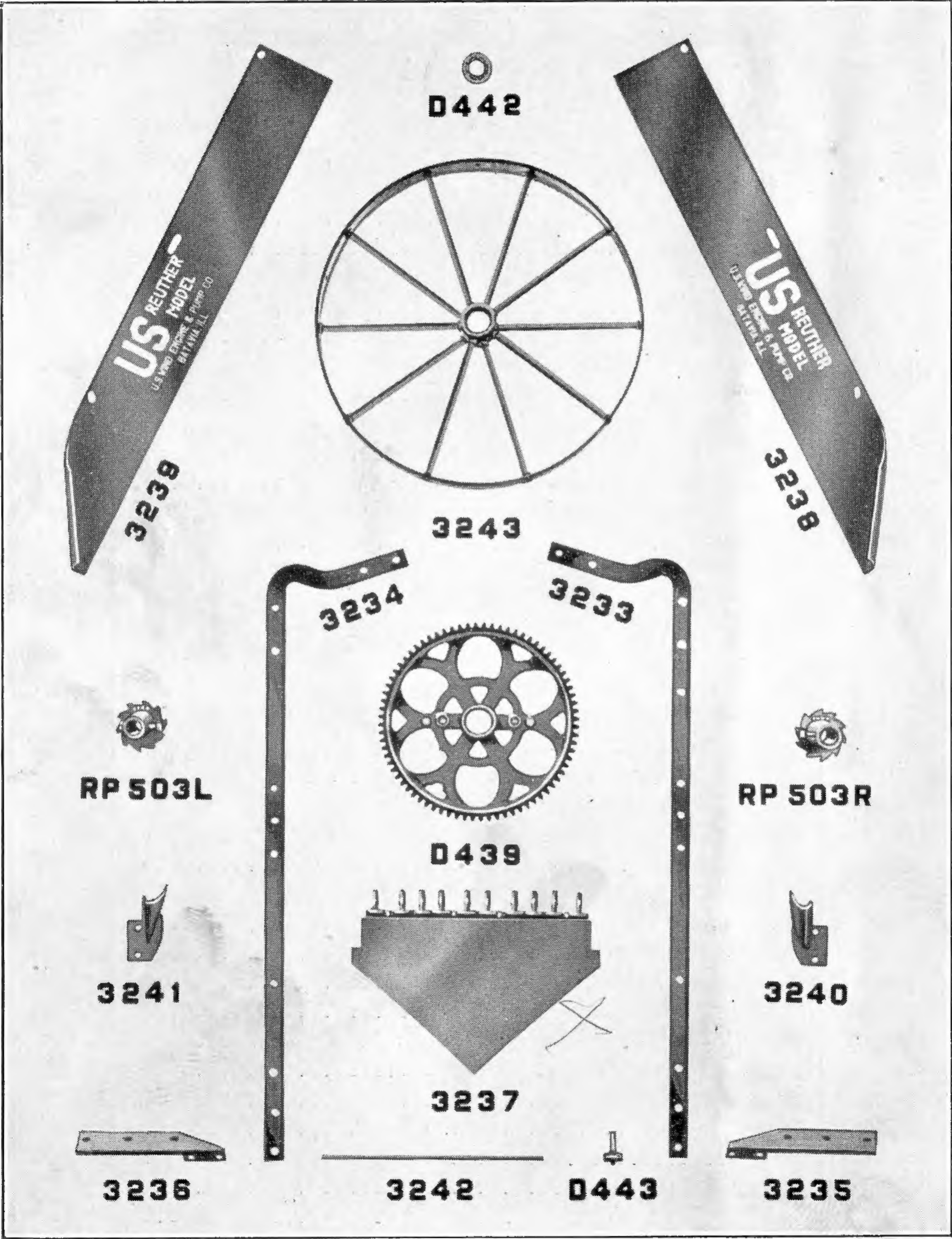


**U. S. WIND ENGINE & PUMP CO., BATAVIA, ILLINOIS, U. S. A.**

Casting No.	Description of Parts	List Price
3188	Shaker Head 3"x3"x $\frac{1}{4}$ " Angle.....	\$ 1.45
3190	Shaker Supporting Rod $\frac{3}{4}$ " diameter.....	1.00
3191	Axle 1 $\frac{3}{8}$ " Round 3' 6" Long.....	2.90
3193	Vine Rod 25 $\frac{1}{2}$ " Long.....	.60
3194	Vine Rod 41" Long.....	.75
3195	Vine Rod 47 $\frac{1}{2}$ " Long.....	.75
3196	Vine Rod 52 $\frac{1}{2}$ " Long.....	.85
3197 $\frac{1}{2}$	Elevator Bar $\frac{7}{16}$ " for Model "B" Elevator complete with Two Links.....	1.00
3199	Lower Shaker Tines.....	.85
3200	Elevator Drive Shaft 1 $\frac{1}{8}$ " diameter x 2' 8 $\frac{5}{8}$ " Long .....	2.40
3200 $\frac{1}{2}$	Key for Elevator Drive Shaft.....	.10
3201	Elevator Bar for Model "A" $\frac{7}{16}$ " Diameter.....	.45
3201 $\frac{1}{2}$	Drilled Elevator Bar for Model "A".....	.50
3202	Agitator Bar (For Rolls see D403).....	1.00
3204	Shovel Complete with Stone Fingers (For Main Frame with Bent End only)	6.95
3208	Pole Hook.....	.45
3210	Stone Finger Rod $\frac{3}{8}$ " diameter 18" Long } Stone Finger Rod Assembled Complete. } Finger Rod Support D436..... } For Shovel Intermediate Finger D437 } 3204 only End Finger D438..... }	.25 1.90 .10 .15 .15
3211	Bushing for Shaker Shield Support, Shaker Stop and Strap Nut 33/64"x $\frac{7}{16}$ ".....	.15
3212	Bushing for Draw Bar 33/64"x $\frac{11}{16}$ ".....	.15
3213	Bushing for Connecting Links $\frac{1}{2}$ "x $\frac{7}{16}$ ".....	.10
3214	Bushing for Gear Lever 33/64"x $\frac{9}{16}$ ".....	.15
3215	Shaker U Bolt.....	.30
3216	Front Deflector Rods $\frac{5}{16}$ " diameter with Bolt .....	.20
3217	Seat Bracket.....	.30
3225	Pressed Steel Seat.....	1.15
3226	Shaker Shield Brace—Right.....	.25
3227	Shaker Shield Brace—Left.....	.25
3228	Bushing for Shaker Shield Braces 33/64"x9/32".....	.15
	Bolt for Above $\frac{1}{2}$ "x2 $\frac{3}{4}$ ".....	.10
3229	Four Horse Evener.....	2.80
3230	Double-tree .....	3.95
3231	Pole.....	4.60
3232	King Bolt.....	.15
	Tractor Hitch Only.....	6.00
	One Man Control Only.....	10.00

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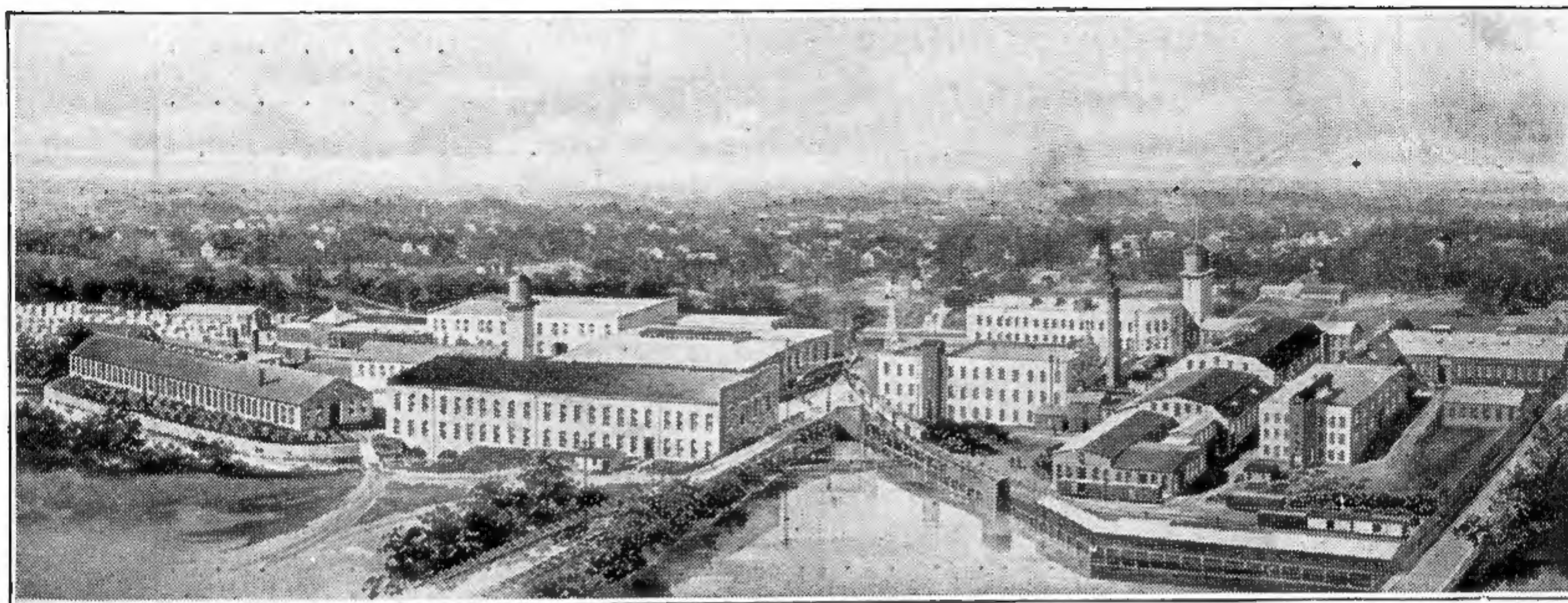
Casting No.	Description of Parts	List Price
D-439	Gear for Drive Wheel (replacing D-411).....	\$5.60
*D-442	Drive Wheel Washer (For Wheel 3243 only).....	.15
*D-443	End Stone Finger (For Shovel 3237 only).....	.15
RP-503R	Hub for Drive Wheel—Right—10 Teeth.....	2.80
RP-503L	Hub for Drive Wheel—Left—10 teeth.....	2.80
	<i>NOTE:—Above hubs interchangeable with hubs OB-621R and OB-622L used in old style wheels.</i>	
*3233	Main Frame Only Without Sliding Box—Right—(Straight Ends).....	2.55
*3234	Main Frame Only Without Sliding Box—Left—(Straight Ends).....	2.55
*3235	Shovel Arm—Right— $2\frac{1}{4} \times 2\frac{1}{4} \times \frac{5}{16}$ " x $14\frac{1}{2}$ " Angle (Straight).....	.60
*3236	Shovel Arm—Left— $2\frac{1}{4} \times 2\frac{1}{4} \times \frac{5}{16}$ " x $14\frac{1}{2}$ " Angle (Straight).....	.60
*3237	Shovel Complete with Stone Fingers { For Frames { 3233 and 3234 only }	6.00
*3238	Elevator Shield—Right { Will Fit Shovel 3237 only.....	3.75
*3239	Elevator Shield—Left {	3.75
*3240	Shoe for Elevator Shield—Right .....	.45
*3241	Shoe for Elevator Shield—Left .....	.45
*3242	Stone Finger Rod $\frac{3}{8}$ " diameter x $21\frac{3}{4}$ " long } Stone Finger Rod Support D-436                     { For Shovel Intermediate Finger D-437                            { 3237 only	.15 .10 .15
	*End Finger D-443	.15
3243	Drive Wheel Only, without Hub, 32" diam. x 4" rim.....	6.00
	Drive Wheel, Right, complete with Hub RP-503R.....	8.80
	Drive Wheel, Left, complete with Hub RP-503L.....	8.80
	<i>NOTE:—Wheels when assembled complete with hubs, are interchangeable with solid hub wheels 3128 and 3129 shown on pages 6 and 7.</i>	

\*Cannot be used on diggers made prior to 1929.

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Bird's-eye View of Factory of U. S. Wind Engine & Pump Company  
Batavia, Illinois, U. S. A.



Over 70 Years in the Same Place

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**LE ROY PLOW CO.**

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